Formerly C&GS 1287, 1st Ed., Jan. 1923 C-1941-547 KAPP 131

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel L

11304
LORAN-C OVERPRINTED

35′ 97°30′ 25′ 20′ JOINS CHART 11307 15′ 10′ 05′ 97°

15′ 10′ 05′ 27° 55′ 50′ 45′ 40′ 26° 35′

B A F F I N B A Y
(use chart 11308)

PENASCAL RINCON
Pt Penascal

NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEAN SERVICE

UNITED STATES - GULF COAST

TEXAS

NORTHERN PART OF LAGUNA MADRE

Mercator Projection
Scale 1:80,000 at Lat. 26°55′

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

11308
1:40,000

★1992★
THE YEAR OF
CLEAN WATER
Celebration of Commitment

TIDAL INFORMATION

Place Name	(Lat/Long)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Padre Island (South End)	(26°04′N/97°09′W)	1.4	—	—	-2.5

(491) NOTE: Inside, in the various bays, except near the inlets, the periodic tide has a mean range of less than 0.5 feet.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower	
Al alternating	Gp group	N nun	Rot rotating	
B black	IQ interrupted quick	OBSC obscured	s seconds	
Bn beacon	Iso isophase (E Int)	Oc occulting	SEC sector	
C con	LT HO lighthouse	Or orange	St M statute miles	
DIA diaphone	M nautical mile	Q quick	VQ very quick	
E Int equal interval (Iso)	m minutes	R red	W white	
F fixed	MICRO TR microwave tower	Ra Ref radar reflector	WHIS whistle	
Fl flashing	Mkr marker	R Bn radiobeacon	Y yellow	

Bottom characteristics:

Blds boulders	Co coral	Gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — — —

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast and Geodetic Survey with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.206″ northward and 0.943″ westward to agree with this chart.

INTRACOASTAL WATERWAY
(use charts 11306 and 11308)
The project depth is 12 feet from Aransas Pass to Port Isabel, Texas.
The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 5 for important supplemental information.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Brownsville, Texas	KHB-33	162.55 MHz
Corpus Christi, Texas	KHB-41	162.55 MHz

MINERAL DEVELOPMENT STRUCTURES
Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

NOTE X
The 12 nautical mile territorial sea was established by Presidential Proclamation 5928, December 27, 1988, and is also the outer limit of the U.S. contiguous zone for the application of domestic law. The 3 nautical mile line, previously identified as the outer limit of the territorial sea, is retained because the proclamation states that it does not alter existing State or Federal law. The 9 nautical mile natural resources boundary off Texas, the Gulf coast of Florida, and Puerto Rico, and the 3 nautical mile line elsewhere remain the inner boundary of the Federal fisheries jurisdiction and the limit of states' jurisdiction under the Submerged Lands Act (P.L. 83-31; 67 Stat. 29, March 22, 1953). These maritime limits are subject to modification, as represented on future charts. The lines shown on the most recent chart edition take precedence.

NOTE S
Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, La., or at the Office of the District Engineer, Corps of Engineers in Galveston, TX.
Refer to charted regulation section numbers.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

MICROSECONDS

LORAN LINEAR INTERPOLATOR

PORT MANSFIELD CHANNEL
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 1992
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
JETTY AND SEA BAR CHANNEL	14.0	250	11-91
THENCE TO INTRACOASTAL WATERWAY	14.0	100-300	12-91
ENTRANCE CURVES AT I.W.W.	14.0	200	10-91
I.W.W. TO TURNING BASIN	16.0	125-200	10-91
TURNING BASIN	16.0	200-400	10-91
SHRIMP BASIN (26°33′09″N, 97°25′53″W)	14.0	350	12-91
SMALL CRAFT BASIN (26°33′09″N, 97°25′45″W)	8.0	160	9-88

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

PRODUCED BY COMPUTER ASSISTED METHODS

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY ..... 100kHz.
PULSE REPETITION INTERVAL
7980 ..... 79,800 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators).
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE: 7980-W

RATES ON THIS CHART
7980-W 7980-X 7980-Y
9610-Y 9610-Z

The Loran-C correction tables published by the Defense Mapping Agency or others should not be used with this chart. The lines of position shown have been adjusted based on survey data. Every effort has been made to meet the ¼ nautical mile accuracy criteria established by U.S. Coast Guard. Mariners, however, are cautioned not to rely solely on the lattices in inshore waters.

SCALE 1:80,000
Nautical Miles
Yards
Meters

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Coast and Geodetic Survey (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST AND GEODETIC SURVEY

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18 19 20 21 22 23 24 25 26 27 28 29 30 31

12th Ed., May 9/92 ■
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Northern Part of Laguna Madre
SOUNDINGS IN FEET - SCALE 1:80,000

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